

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	13	((box or (buried adj (insulator oxide))) with (ono)) not (@ad>"20020116" or @rlad>"20020116")	US-PGPUB; USPAT	OR	ON	2004/10/27 17:56
S2	12479	(SOI or (silicon adj on adj (insulator insulating)))	US-PGPUB; USPAT	OR	ON	2004/03/12 16:49
S3	375	(SOI or (silicon adj on adj (insulator insulating))) same (ONO or "o/n/o" or "oxide/nitride/oxide" (oxide adj nitride adj oxide) or ((silicon adj oxide) with (silicon adj nitride)))	US-PGPUB; USPAT	OR	ON	2004/06/21 13:53
S4	56	(SOI or (silicon adj on adj (insulator insulating))) same (ONO or "o/n/o" or "oxide/nitride/oxide" (oxide adj nitride adj oxide))	US-PGPUB; USPAT	OR	ON	2004/06/21 13:54
S5	46	((SOI or (silicon adj on adj (insulator insulating))) same (ONO or "o/n/o" or "oxide/nitride/oxide" (oxide adj nitride adj oxide))) not (@ad>"20020116" or @rlad>"20020116")	US-PGPUB; USPAT	OR	ON	2004/06/21 13:54
S6	1	09/682957	US-PGPUB; USPAT	OR	ON	2004/03/12 19:09
S7	1	10/330093	US-PGPUB; USPAT	OR	ON	2004/03/12 19:25
S8	1	("6314021").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/12 19:27
S9	1	((("6314021").PN.) and ((oxide with nitride with oxide) ONO)	US-PGPUB; USPAT	OR	OFF	2004/03/12 19:28
S10	0	("200201348503").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/12 19:52
S11	0	("US200201348503").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/12 19:52
S12	7	((("5021843") or ("6410938") or ("5849627") or ("6010921") or ("6255731") or ("6433401") or ("6610615")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/12 19:55
S13	4	Hussinger.in.	US-PGPUB; USPAT	OR	OFF	2004/03/12 19:55
S14	11	((("5021843") or ("6410938") or ("5849627") or ("6010921") or ("6255731") or ("6433401") or ("6610615")).PN.) or Hussinger.in.	US-PGPUB; USPAT	OR	OFF	2004/03/12 19:55

S15	8	((("5021843") or ("6410938") or ("5849627") or ("6010921") or ("6255731") or ("6433401") or ("6610615")).PN.) or Hussinger.in.) and (ONO or (oxide with nitride with oxide))	US-PGPUB; USPAT	OR	OFF	2004/03/12 19:56
S16	2	((("6144060") or ("6489214")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/12 20:17
S17	10560	Park.in.	US-PGPUB; USPAT	OR	OFF	2004/03/12 20:11
S18	4	Park.in. and (@ad="20020221")	US-PGPUB; USPAT	OR	OFF	2004/03/12 20:11
S19	1	("4789648").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/12 20:18
S20	1	("5768192").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/15 16:04
S21	4	((("5768192") or ("6011725") or ("4173766") or ("6081456")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/15 16:04
S22	409	(SOI or (silicon adj on adj (insulator insulating))) same (ONO or "o/n/o" or "oxide/nitride/oxide" (oxide adj nitride adj oxide) or ((silicon adj oxide) with (silicon adj nitride)))	US-PGPUB; USPAT	OR	ON	2004/06/21 17:12
S23	65	(SOI or (silicon adj on adj (insulator insulating))) same (ONO or "o/n/o" or "oxide/nitride/oxide" (oxide adj nitride adj oxide))	US-PGPUB; USPAT	OR	ON	2004/06/21 13:54
S24	3	((("6552496") or ("5882532") or ("6265327")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/06/21 14:16
S25	48	((SOI or (silicon adj on adj (insulator insulating))) same (ONO or "o/n/o" or "oxide/nitride/oxide" (oxide adj nitride adj oxide))) not (@ad>"20020116" or @rlad>"20020116")	US-PGPUB; USPAT	OR	ON	2004/06/21 17:24
S26	344	((SOI or (silicon adj on adj (insulator insulating))) same (ONO or "o/n/o" or "oxide/nitride/oxide" (oxide adj nitride adj oxide) or ((silicon adj oxide) with (silicon adj nitride)))) not ((SOI or (silicon adj on adj (insulator insulating))) same (ONO or "o/n/o" or "oxide/nitride/oxide" (oxide adj nitride adj oxide)))	US-PGPUB; USPAT	OR	ON	2004/06/21 14:27

S27	234	((SOI or (silicon adj on adj (insulator insulating))) same (ONO or "o/n/o" or "oxide/nitride/oxide" (oxide adj nitride adj oxide) or ((silicon adj oxide) with (silicon adj nitride)))) not ((SOI or (silicon adj on adj (insulator insulating))) same (ONO or "o/n/o" or "oxide/nitride/oxide" (oxide adj nitride adj oxide)))) not (@ad>"20020116" or @rlad>"20020116")	US-PGPUB; USPAT	OR	ON	2004/06/22 14:53
S28	421	(SOI or (silicon adj on adj (insulator insulating))) same ((implant implanting implanted) with ((buried adj oxide) box))	US-PGPUB; USPAT	OR	ON	2004/06/21 17:15
S29	14	(SOI or (silicon adj on adj (insulator insulating))) same ((implant implanting implanted) with ((buried adj oxide) box) with (nitrogen "nh.sub.3"))	US-PGPUB; USPAT	OR	ON	2004/06/21 17:22
S30	13	((SOI or (silicon adj on adj (insulator insulating))) same ((implant implanting implanted) with ((buried adj oxide) box) with (nitrogen "nh.sub.3"))) not (@ad>"20020116" or @rlad>"20020116")	US-PGPUB; USPAT	OR	ON	2004/06/21 17:23
S31	16	(SOI or (silicon adj on adj (insulator insulating))) same ((implant implanting implanted) with ((buried adj (insulator insulating insulation oxide)) box) with (nitrogen "nh.sub.3"))	US-PGPUB; USPAT	OR	ON	2004/06/21 17:23
S32	15	((SOI or (silicon adj on adj (insulator insulating))) same ((implant implanting implanted) with ((buried adj (insulator insulating insulation oxide)) box) with (nitrogen "nh.sub.3"))) not (@ad>"20020116" or @rlad>"20020116")	US-PGPUB; USPAT	OR	ON	2004/06/21 17:23

S33	2	((SOI or (silicon adj on adj (insulator insulating))) same ((implant implanting implanted) with ((buried adj (insulator insulating insulation oxide)) box) with (nitrogen "nh.sub.3"))) not (@ad>"20020116" or @rlad>"20020116")) not (((SOI or (silicon adj on adj (insulator insulating))) same ((implant implanting implanted) with ((buried adj oxide) box) with (nitrogen "nh.sub.3"))) not (@ad>"20020116" or @rlad>"20020116"))	US-PGPUB; USPAT	OR	ON	2004/06/21 17:23
S34	7	((SOI or (silicon adj on adj (insulator insulating))) and (buried adj (insulation insulating insulator)) same (ONO or "o/n/o" or "oxide/nitride/oxide" (oxide adj nitride adj oxide))) not (@ad>"20020116" or @rlad>"20020116"))	US-PGPUB; USPAT	OR	ON	2004/06/21 17:25
S35	1	("6661065").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/06/22 14:54
S36	1	((("6661065").PN.) and (thick\$)	US-PGPUB; USPAT	OR	OFF	2004/06/22 15:17
S37	1	("6410938").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/06/22 15:17
S38	1	((("6410938").PN.) and thick\$	US-PGPUB; USPAT	OR	OFF	2004/06/22 15:17
S39	2	((("6661065") or ("6410938")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/15 18:16
S40	222	(box or (buried adj oxide)) with extend with (source drain s/d source/drain)	US-PGPUB; USPAT	OR	OFF	2004/09/15 18:54
S41	13	(box or (buried adj oxide)) with extend\$ with (source drain s/d source/drain) with (advantag\$ benefit\$)	US-PGPUB; USPAT	OR	ON	2004/09/15 18:08
S42	1316	(box or (buried adj oxide)) with extend\$ with (source drain s/d source/drain)	US-PGPUB; USPAT	OR	ON	2004/09/15 18:07
S43	114	((box or (buried adj oxide)) with extend\$ with (source drain s/d source/drain) ) and ("438"/\$.ccls. or "257"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2004/09/15 16:56

S44	78	((box or (buried adj oxide)) with extend\$ with (source drain s/d source/drain) ) and ("438"/\$.ccls. or "257"/\$.ccls.)) not (@ad>"20020116" or @rlad>"20020116")	US-PGPUB; USPAT	OR	ON	2004/09/15 18:09
S45	13	(box or (buried adj (insulator oxide))) with extend\$ with (source drain s/d source/drain) with (advantag\$ benefit\$)	US-PGPUB; USPAT	OR	ON	2004/09/15 18:09
S46	21	(box or (buried adj (insulator oxide))) with extend\$ with (source drain s/d source/drain) with (parasit\$ leak\$)	US-PGPUB; USPAT	OR	ON	2004/09/15 18:09
S47	20	((box or (buried adj (insulator oxide))) with extend\$ with (source drain s/d source/drain) with (parasit\$ leak\$)) not (@ad>"20020116" or @rlad>"20020116")	US-PGPUB; USPAT	OR	ON	2004/09/15 18:54
S48	2	((("6661065") or ("6410938")).PN. ) and thickness\$	US-PGPUB; USPAT	OR	OFF	2004/09/15 18:17
S49	17	(box or (buried adj (insulator oxide))) with (ono)	US-PGPUB; USPAT	OR	OFF	2004/09/15 18:54
S50	12	((box or (buried adj (insulator oxide))) with (ono)) not (@ad>"20020116" or @rlad>"20020116")	US-PGPUB; USPAT	OR	ON	2004/10/27 17:55
S51	2	((("6385079") or ("6391658")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/16 13:29
S52	67636	MTJ magneto\$ (magnetic adj stack)	US-PGPUB; USPAT	OR	OFF	2004/09/16 13:40
S53	9034	MTJ magnetoresistive (magnetic adj stack)	US-PGPUB; USPAT	OR	OFF	2004/09/16 13:41
S54	9360	MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)	US-PGPUB; USPAT	OR	OFF	2004/09/16 14:09
S55	15	(MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and (implant\$ with amorphous)	US-PGPUB; USPAT	OR	OFF	2004/09/16 14:10
S56	14	((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and (implant\$ with amorphous)) not (@ad>"20031215" or @rlad>"20031215")	US-PGPUB; USPAT	OR	OFF	2004/09/16 14:23
S57	7326	MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/16 14:10

S58	9376	MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)	US-PGPUB; USPAT	OR	ON	2004/09/16 14:22
S60	7341	MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/16 14:10
S61	1	(MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and (implant\$ with amorphous)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/16 14:12
S62	872	(MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))	US-PGPUB; USPAT	OR	OFF	2004/09/16 14:23
S63	858	((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")	US-PGPUB; USPAT	OR	OFF	2004/09/16 14:24
S64	92	((((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")) and (MRAM)	US-PGPUB; USPAT	OR	OFF	2004/09/16 14:24
S65	95	((((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")) and (MRAM)	US-PGPUB; USPAT	OR	ON	2004/09/16 14:33
S66	34	(((((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")) and (MRAM)) and (smooth uniform)	US-PGPUB; USPAT	OR	ON	2004/09/16 16:03
S67	4	("5936293"   "6052263"   "6359805"   "6542402"   "2004/0027853").PN.	USPAT	OR	OFF	2004/09/16 15:23
S68	0	((("5936293"   "6052263"   "6359805"   "6542402"   "2004/0027853").PN.) and amorphous	US-PGPUB; USPAT	OR	ON	2004/09/16 15:25
S69	0	((("5936293"   "6052263"   "6359805"   "6542402"   "2004/0027853").PN.) and implant\$	US-PGPUB; USPAT	OR	ON	2004/09/16 15:34

S70	4198	((438/3) or (438/238-241) or (438/381)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/16 15:41
S71	1	("6787372").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/16 15:41
S72	1	((("6787372").PN.) and amorphous	US-PGPUB; USPAT	OR	OFF	2004/09/16 15:41
S73	26	(((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")) and (MRAM)) and (rough\$)	US-PGPUB; USPAT	OR	ON	2004/09/16 15:46
S74	15	((((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")) and (MRAM)) and (rough\$)) not (((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")) and (MRAM)) and (smooth uniform))	US-PGPUB; USPAT	OR	ON	2004/09/16 15:55
S75	1	("6205052").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/16 16:03
S76	0	((("6205052").PN.) and (implant\$ ion\$ dop\$ atom\$)	US-PGPUB; USPAT	OR	OFF	2004/09/16 16:36

S77	46	(((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")) and (MRAM)) not (((((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")) and (MRAM)) and (smooth uniform)) (((((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")) and (MRAM)) and (rough\$)) not (((((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")) and (MRAM)) and (smooth uniform))))	US-PGPUB; USPAT	OR	OFF	2005/03/16 20:38
S78	1	("6205052").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/16 16:59
S79	1	((("6205052").PN.) and amorphous	US-PGPUB; USPAT	OR	OFF	2004/09/16 16:59
S80	21	(MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and (implant\$ with amorphous)	US-PGPUB; USPAT	OR	OFF	2005/03/16 21:50
S81	1	("20030230549").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/16 20:27
S82	21	(MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and (implant\$ with amorphous)	US-PGPUB; USPAT	OR	OFF	2005/03/16 21:23



S83	55	((((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")) and (MRAM)) not (((((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")) and (MRAM)) and (smooth uniform)) (((((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")) and (MRAM)) and (rough\$)) not (((((MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and ((implant\$ or amorphous) with (magnetic pinned))) not (@ad>"20031215" or @rlad>"20031215")) and (MRAM)) and (smooth uniform))))	US-PGPUB; USPAT	OR	OFF	2005/03/16 21:22
S84	1	("20020044396").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/16 20:59
S85	0	S84 and (implant\$)	US-PGPUB; USPAT	OR	OFF	2005/03/16 20:59
S86	21	(MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and (implant\$ with amorphous)	US-PGPUB; USPAT	OR	ON	2005/03/16 20:59
S87	3	((("5346841") or ("20020036876") or ("20020142192"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/03/16 21:23
S88	2111	(MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and (implant\$ or amorphous)	US-PGPUB; USPAT	OR	ON	2005/03/16 21:23
S89	2	S88 and S87	US-PGPUB; USPAT	OR	ON	2005/03/16 21:41
S90	5	((("5874886") or ("5955211") or ("6181537") or ("6195240") or ("6205052"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/03/16 21:42
S91	5	S90 and (implant\$ amorphous)	US-PGPUB; USPAT	OR	OFF	2005/03/16 21:45
S92	5	S90 and (ion\$ amorphous)	US-PGPUB; USPAT	OR	OFF	2005/03/16 21:45
S93	6	"1416504"	EPO; JPO; DERWENT	OR	OFF	2005/03/16 21:45

S94	0	S93 and (implant\$ amorphous)	US-PGPUB; USPAT	OR	OFF	2005/03/16 21:45
S95	22	(MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and (implant\$ with amorphous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/16 21:48
S96	1	S95 not S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/16 21:48
S97	27	(MTJ magnetoresistive (magnetic adj stack) (magnetic adj tunnel)) and (implant\$ same amorphous)	US-PGPUB; USPAT	OR	ON	2005/03/16 21:50
S98	6	(S97 not S80)	US-PGPUB; USPAT	OR	ON	2005/03/16 21:50
S99	1	("20040085687").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/17 13:00
S10 0	1	S99 and substrate	US-PGPUB; USPAT	OR	OFF	2005/03/17 13:00